

## CLAIMS

We claim:

1. A communication system comprising:

a plurality of mobile transceiver units; and

a fixed base unit,

wherein said mobile transceiver units comprise a keypad, at least one special function button and switching circuitry for controlling audio input and output.

2. The communication system of claim 1 wherein said mobile transceiver units are pre-programmed to transmit information indicative of a golfer's location on a fairway and a type of emergency.

3. The communication system of claim 1 wherein said fixed base unit comprises a display device for displaying information relating to the emergency.

4. The communication system of claim 1 wherein said fixed base unit further comprises a means for controlling voice communications transmitted from said mobile transceivers.

5. The communication system of claim 4 wherein said mobile transceiver units further comprise an audio interlock circuit for preventing casual use.

6. The communication system of claim 1 wherein said mobile transceiver units are hand-held transceivers.

7. The communication system of claim 1 wherein said mobile transceiver units include a circuit for transmitting a coded signal indicative of the location of the transceivers and type of assistance desired.

8. The communication system of claim 1 wherein said mobile transceiver units include a keypad or touch screen for entering at least the fairway number and type of assistance desired.

9. The communication system of claim 1 wherein said system further comprises a bio-monitor for monitoring physiological data of a golfer.

10. The communication system of claim 1 wherein said mobile transceiver units include a means for automatically recognizing the location of the mobile transceiver units on the fairway.

11. The communication system of claim 1 wherein said fixed base unit includes a receive-all function for transmitting a message to all mobile transceiver units simultaneously.

12. The communication system of claim 1 wherein said mobile transceiver units includes means for recognizing an audio enable signal.

13. The communication system of claim 1 wherein said fixed base unit includes means for displaying a golfer's location and type of emergency.

14. The communication system of claim 1 wherein said fixed base unit includes an audio enabling signal generating circuit.

15. The communication system of claim 14 wherein said audio enabling signal generating circuit includes means for producing an electronic key for enabling voice communications between said fixed base unit and at least one of said mobile transceiver units.

16. The communication system of claim 1 wherein said mobile transceiver units comprise an audio interface that includes a microphone and a speaker for establishing audio communications with a clubhouse.

17. The communication system of claim 1 wherein said mobile transceiver units include a micro-controller for storing a software program.

18. The communication system of claim 1 wherein said mobile transceiver units include a display unit for displaying information such as first aid instructions.

19. The communication system of claim 1 wherein said fixed base unit includes a microphone and a speaker for establishing audio communications.

20. The communication system of claim 1 wherein said fixed base unit further comprises a micro-controller for receiving and decoding commands from at least one special function button located one of said mobile transceiver units.

21. The communication system of claim 1 wherein at least one of said mobile transceiver units further comprises a transceiver that may be readily removed from the one of said mobile transceiver units.

22. The communication system of claim 1 wherein said mobile transceiver units comprise a special function button operationally connected to an audio interlock that unlocks an audio circuit to establish a communications link between the mobile transceiver units and the fixed base unit.

23. The communication system of claim 1 further comprising an alarm means for either emitting an audible alarm or displaying a visual alarm.

24. A personal alert and rescue method comprising:  
recognizing an emergency;

actuating a special function button to transmit a signal to a distant location,  
said signal being indicative of a nature of the emergency;

transmitting a signal from said distant location that disables an audio  
interlock; and

establishing audio communications between two transceivers.

25. The method of claim 24 further comprising:

dispatching personnel to the location of said emergency.

26. The method of claim 24 further comprising:

transmitting instructions for handling the emergency.

27. A personal alert and rescue system comprising:

a plurality of mobile communication means for reporting emergencies; and

a fixed communication means,

wherein said each of said mobile communication means comprise a  
keypad, at least one special function button and switching circuitry for controlling  
audio input and output.